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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



22469

PATENT TRADEMARK OFFICE

Art Unit :  
Examiner :  
Serial No. :  
Filed : Herewith  
PCT No. : PCT/JP01/04043  
PCT Filed : May 15, 2001  
Inventors : Hideo Kijima  
          : Toshiki Hiruta  
          : Kazuhito Kenmochi  
          : Toshiyuki Hattori  
          : Maki Horiuchi  
Title : COMPOSITE CEMENTED  
      : CARBIDE ROLL AND  
      : HOT ROLLING METHOD  
      : OF STEEL USING SAME

Docket: 1384-01

Confirmation No.:

Dated: December 31, 2001

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to action on the merits of the case, kindly amend the above-identified application  
as follows:

In the Specification (clean copy as amended)

Please replace the paragraph bridging pages 22 and 23 with the following:

Application of the composite cemented carbide roll of the invention as a work roll for  
a hot roughing mill with an outside diameter within a range of from 500 to 1,500 mm ensures  
a remarkable improvement of size and shape control property by reduction of thermal crown  
as compared with the conventional steel roll.

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C. f. f. f.  
7/22/02

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